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Due Date: August 4, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Steven K. Elliot et al. Examiner: Andrew L. Nalven  
Serial No.: 09/514,607 Group Art Unit: 2134  
Filed: February 28, 2000 Docket: ST9-99-024  
Title: SIGNATURE HASH FOR CHECKING VERSIONS OF ABSTRACT DATA TYPES

**OFFICIAL****CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on June 11, 2004.

By:   
Name: George H. Gates

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Dear Sir:

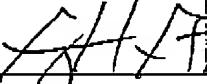
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Please charge all fees to Deposit Account No. 09-0460 of IBM Corporation, the assignee of the present application. A duplicate of this paper is enclosed.

Customer Number 22462  
GATES & COOPER LLP  
Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, CA 90045  
(310) 641-8797

By:   
Name: George H. Gates  
Reg. No.: 33,500  
GHG/amb